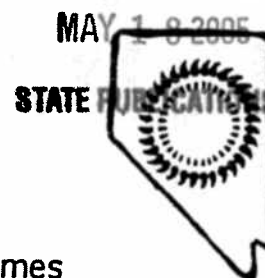


# NEVADA CLIMATE SUMMARY



## Office of the State Climatologist

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### SYNOPSIS

March was an unusually mild month over all of the Silver State, with precipitation above normal in portions of East Central and South Central Nevada, as well as the southern tip of the State. In Reno it was the second warmest March in 106 years of record, with the 4th warmest March in 55 years of airport records at Las Vegas. March temperatures averaged in the top three warmest at Caliente, Austin, and Wells.

Over 1 & 1/2 times normal precipitation fell in the Honey Lake Valley, Gerlach and Pyramid Lake Areas north of Reno, with the same occurring in the southern portion of the State at Searchlight and Laughlin. The Esmeralda County area was equally as wet with 1 & 2/3 times normal at Tonopah and two times normal in Fish Lake Valley at Dyer.

Water Year precipitation (Oct. 1, 1993-Mar. 1, 1994) is only above normal in East Central Nevada, with 100-110% of normal at Lund, Ruth, and McGill. Great Basin National Park is the wettest in the State (compared to normal) with 120% of normal. Driest areas are in the Far West, with East Slope Sierra Nevada Watersheds in the 40-55% of normal category, most of the extreme north with 40-60% of normal, and part of the Extreme South where the totals are from 45-60% of normal from Pahrump to Las Vegas and Overton.

### TEMPERATURE

March temperatures averaged from 2 & 1/2 degrees above normal in Southwestern Elko County to over 6 degrees above normal in part of Clark County. Most of the State was between 3 & 1/2 and 5 degrees above normal. Reno averaged 48.7 degrees (+6 degrees) for the 2nd warmest March since records began in 1888. In 1934 the average was 52.4, with 1993 in third place at 48.5. Several locations neared their all time March highs when the mercury soared into the 70's and 80's during a mid-month heat spell. At Minden the 82 degree reading tied the record that was set in 1934. Records go back 88 years. Upper 80's were scored at the usual warm spots. For example, it was 89 at Amargosa Valley and Cottonwood Cove, and 88 at Overton. Rioville with 101 degrees in 1903 still leads the March "heat parade".

On the cool side, it wasn't very, with Boies Ranch and Ruth falling to even zeros the week after the mid-month heat spell.

Charleston at +2 and San Jacinto at +3 were just behind. Diamond Valley was over 30 degrees colder in March 1969.

### PRECIPITATION

The wettest reporting locations were Lages with 1.50", 1.47" at Elgin, 1.42" at Sutcliffe, 1.36" at Virginia Foothills near Reno, and 1.31" at Montezuma Mine near Goldfield. At Wendel, Ca. near Honey Lake, long-time resident and Postmistress Florence Brandon had 1.23". On the dry side only .07" fell at Deeth and San Jacinto. There was also very little snowfall this month, with Reno for example having less winter snowfall only 3 times in the past 95 years. At other than high mountain areas, the heaviest snowfall was 9" at appropriately named, Snowball Ranch, south of Eureka and Manhattan, and 8" at Jarbidge.

### SUNSHINE, WIND & EVAPORATION

Sunshine hours were well above normal during this mild month, with 89% of the possible hours at Ely and Las Vegas, with normals of 70% and 83%, respectively. Reno had 80%, well above the usual 62%.

Wind speed averages were near normal Statewide, with no very strong winds being reported. Peak gusts reached 50-60 mph in Clark County and the lower Eastern Slopes of the Sierra Nevada at mid-month.

Pan evaporation was well above normal during March at the few locations that were ice-free. Pahrump had 7.24", Fallon 5.52" (4.60" is normal), Honey Lake Fleming Fish & Game 4.38" (3.56" is normal), and Boulder City 10.32" (normal is 7.02"). The latter figure is the greatest evaporation for March since recording began at Boulder City in 1935.

John W. James  
State Climatologist

NOTE: The attached maps of the Las Vegas and Reno areas, locating approximately 150 climate data gathering points, are supplements to the nearly 200 locations already shown on the Nevada Climate Stations Map. Data from these stations is collected by various groups, including the National Weather Service, Clark County Regional Flood Control District, and the State Climate Office.

The total of almost 350 climate data locations is by no means the final total for Nevada. In addition, there are between 60 & 100 measurement points in the Nevada Test Site north of Las Vegas, and several climate stations in the Carson City Area.

If you would like information regarding any of the climate stations, please contact the State Climate Office.

This month we continue our salute to Nevada's volunteer weather observers with Lincoln, Lyon, and Mineral counties:

#### LINCOLN

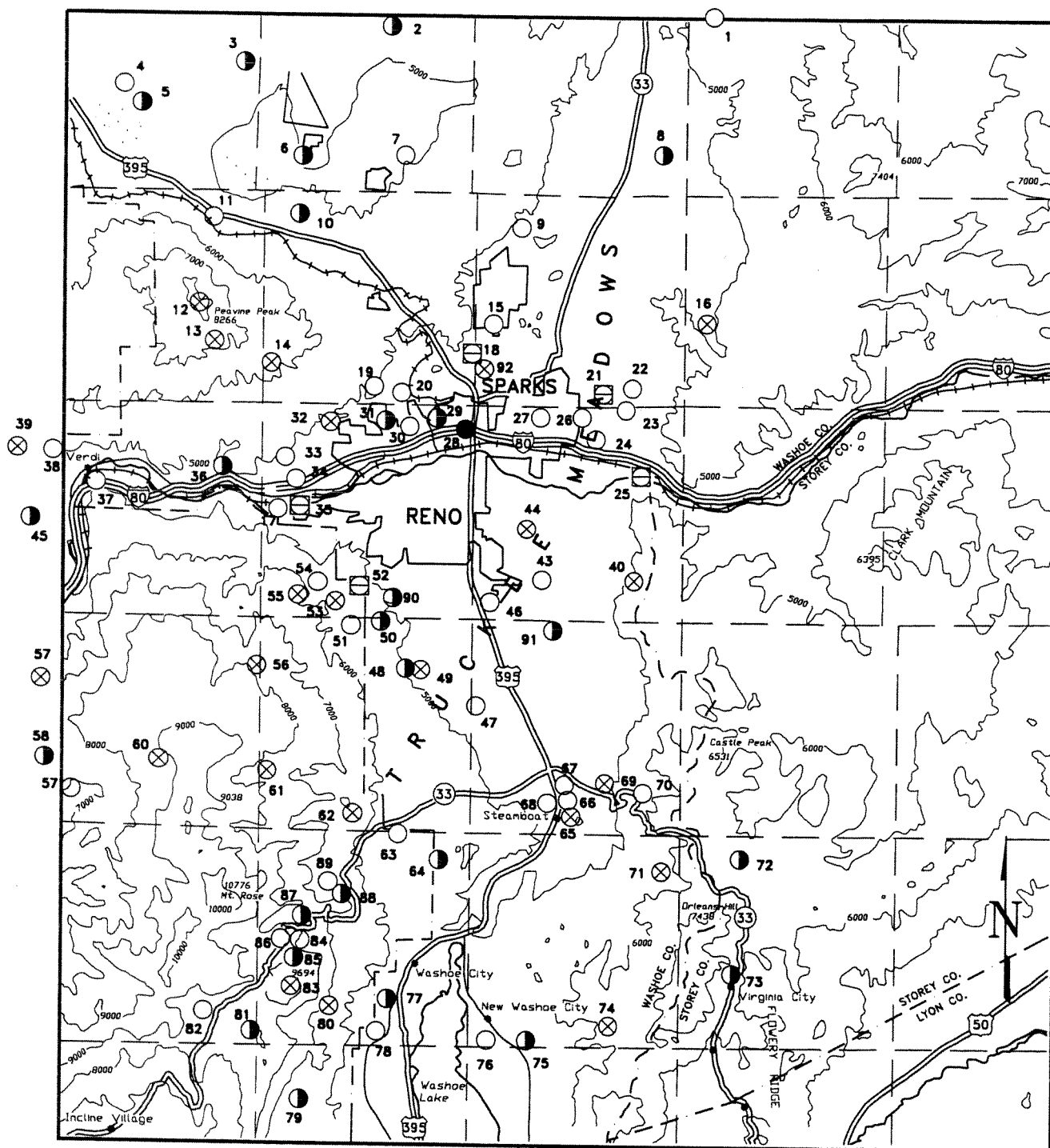
Hiko - Becki Mackintosh  
Pahranagat Wildlife Refuge - U.S. Fish and Wildlife  
Elgin - Don L. Bradshaw  
Caliente - U.S. Soil Conservation Service  
Pioche - Marion E. Griffith/William "Bill" Orr  
Spring Valley State Park - Howard Woods/Nevada State Parks  
Lake Valley Steward - Dennis Walkington  
Pioche Lister Ranch - Ruby Lister

#### LYON

Dayton - Dale Firebaugh  
Yerington - Doty Newell/Lyon County Sherrifs Dept.  
Smith - Wyatt J. Owens  
Wellington - John Weaver  
Wabuska - Nevada Fish and Game

#### MINERAL

Hawthorne - Sue Richardson/Vern Poe  
Mina - Eugene S. Gates  
Nine Mile Ranch - Laurie Bonnet  
Montgomery Pass - NDOT  
Candelaria Mine - Larry Mayne  
Walker Lake - Jim Tilley

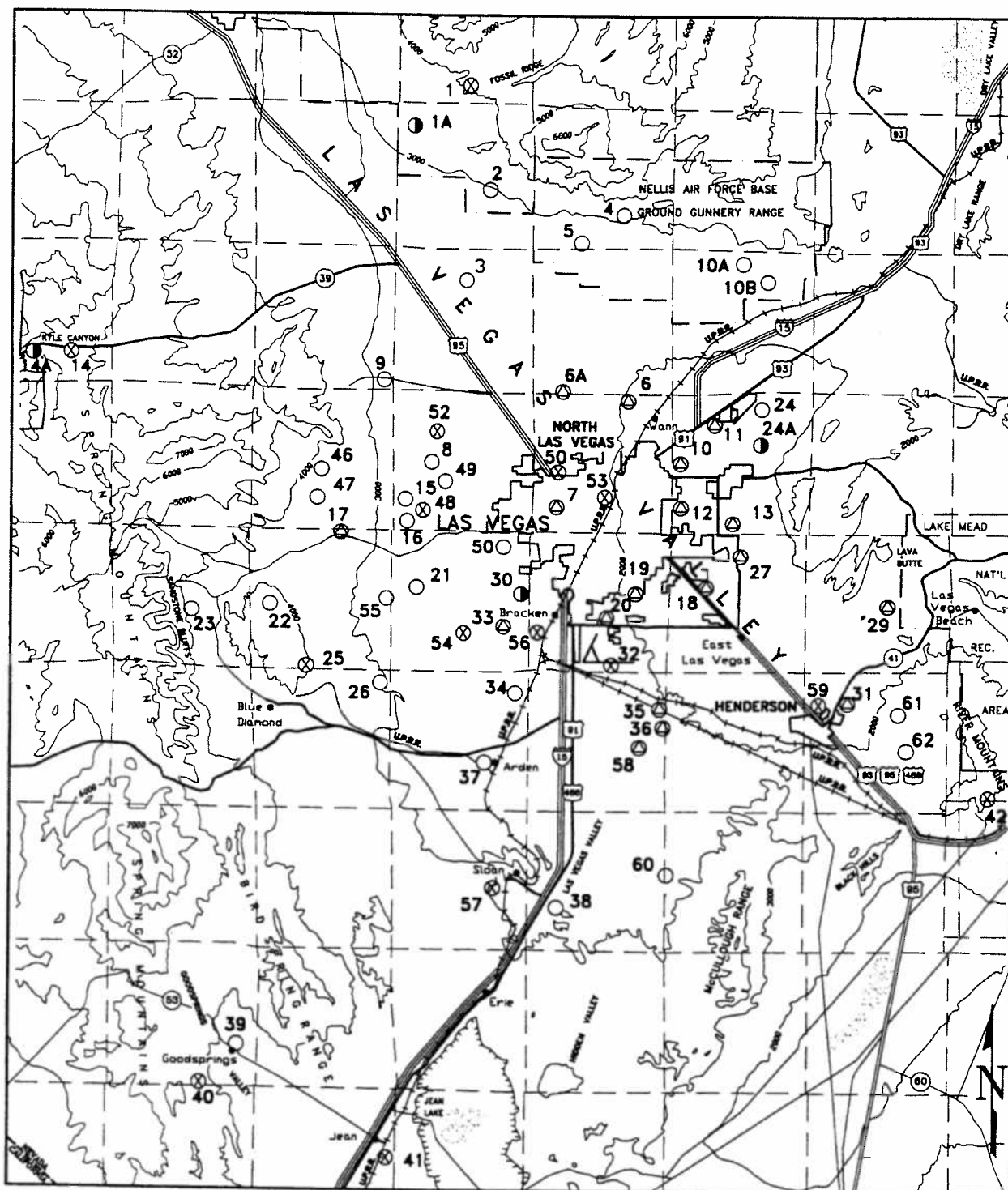


## RENO INSET MAP-CLIMATE STATIONS

- PRECIPITATION
- ◐ PRECIPITATION, TEMPERATURE
- PRECIPITATION, TEMPERATURE, EVAPORATION
- ⊗ PRECIPITATION, TEMPERATURE, WIND, HUMIDITY
- ⊠ AIR POLLUTION SAMPLING

# RENO -- REGIONAL CLIMATE STATIONS

1	PALOMINO VALLEY	53	UPPER SKYLINE
2	LEMMON VALLEY	54	SW RENO GANSER
3	RED ROCK BORYS	55	ALUM CREEK
4	COLD SPRINGS HAUVER	56	HUNTER CANYON
5	COLD SPRINGS CRUZ	57	FARAD
6	STEAD DRI	58	FLORISTON
7	LEMMON VALLEY FULLER	59	LOWER BRONCO CREEK
8	SPANISH SPRINGS FIRE STATION	60	UPPER BRONCO CREEK
9	HUNGRY VALLEY	61	THOMAS CREEK UPPER
10	STEAD FIRE DEPT.	62	WHITES CREEK LOWER
11	PEAVINE ANDERSON ACRES	63	RENO ANDREWS
12	PEAVINE PEAK-DRI	64	CALLAHAN RANCH
13	PEAVINE MOGUL	65	STEAMBOAT AT RHODES RD.
14	PEAVINE CREEK	66	RENO SOILEAU
15	SUN VALLEY HOLMES	67	RENO HARMER
16	N.E. SPARKS (CANOE HILL)	68	STEAMBOAT SHORT LN.
17	RENO MAYBERRY PAGE	69	VIRGINIA FOOTHILLS
18	RENO DRI-DANDINI	70	GEIGER GRADE
19	RALEIGH HEIGHTS	71	BAILEY CREEK
20	RENO N.W. PITTER	72	VIRGINIA HIGHLANDS SMITH
21	SPARKS SHADOW MOUNTAIN PARK	73	VIRGINIA CITY
22	SPARKS EXLINE	74	JUMBO GRADE
23	SPARKS FISCHER	75	WASHOE VALLEY SIMONCINI
24	SPARKS DEL GROSSO	76	WASHOE VALLEY
25	SPARKS CIVIL AIR PATROL	77	WASHOE VALLEY-DAVIS CREEK PARK
26	SPARKS KELLEY	78	WASHOE VALLEY-BOWERS MANSION
27	N.E. RENO	79	LITTLE VALLEY
28	RENO UNR EVAPORATION	80	OPHIR CREEK
29	RENO UNR	81	TAHOE MEADOWS
30	RANCHO SAN RAFAEL	82	THIRD CREEK
31	N.W. RENO	83	DRI-SLIDE MTN.
32	RENO ASHEY	84	MT. ROSE X-MAS TREE
33	RENO CHAI	85	MT. ROSE SKI
34	RENO DRAGON	86	MT. ROSE
35	RENO MAYBERRY PARK (HEALTH DEPT.)	87	GALENA CREEK PARK
36	MOGUL	88	GALENA FIRE STATION
37	VERDI WIDMER	89	GALENA CREEK
38	DOG VALLEY SUMMIT S.G.	90	DRY CREEK
39	BEACON PEAK	91	HUFFAKER HILLS
40	HIDDEN VALLEY	92	DRI MAXIE BLDG.
43	RENO OSTERMAN		
44	RENO NWS		
45	VERDI PEAK		
46	RENO-SOUTH		
47	RENO CYLKE		
48	FROST RANCH		
49	HILLTOP PARK		
50	EVANS CREEK		
51	SW RENO SHAD		
52	SKYLINE		



## LAS VEGAS INSET MAP - CLIMATE STATIONS

- PRECIPITATION
- PRECIPITATION, TEMPERATURE
- PRECIPITATION, TEMPERATURE, EVAPORATION
- ⊗ PRECIPITATION, TEMPERATURE, WIND, HUMIDITY
- ⊙ PRECIPITATION, WATER LEVEL

# LAS VEGAS — REGIONAL CLIMATE STATIONS

1 FOSSIL RIDGE (4014)  
 1A DESERT NATIONAL WILDLIFE REFUGE  
 2 CASTLE FORK (4044)  
 3 TULE SPRINGS (4049)  
 4 NORTH VALLEY 2 (4039)  
 5 NORTH VALLEY 1 (4034)  
 6 LAS VEGAS WASH CRAIG ROAD (4069)  
 6A GOWAN CHANNEL (4059)  
 7 LAS VEGAS CREEK DETENTION BASIN (4264)  
 8 SMOKE RANCH AND BUFFALO (4234)  
 9 LONE MOUNTAIN ROAD. NEAR HULAPAI WAY (4054)  
 10 LAS VEGAS WASH LAKE MEAD BLVD. (4074)  
 10A WEST RANGE WASH 2 (4134)  
 10B WEST RANGE WASH 1 (4124)  
 11 SLOAN CHANNEL LAS VEGAS BLVD. (4114)  
 12 LAS VEGAS CREEK AT LAMB BLVD. (4284)  
 13 SLOAN CHANNEL CHARLESTON BLVD. (4174)  
 14 KYLE CANYON  
 14A KYLE CANYON (USFS)  
 15 ANGEL PARK WEST (4224)  
 16 CHARLESTON AND EL CAPITAN (4229)  
 17 RED ROCK DETENTION BASIN (4344)  
 18 FLAMINGO WASH NELLIS BLVD. (4394)  
 19 FLAMINGO WASH EASTERN AVE. (4374)  
 20 TROPICANA WASH SWENSON AVE. (4484)  
 21 THE LAKES (4359)  
 22 BLUE DIAMOND RIDGE NORTH (4314)  
 23 RED ROCK CANYON (4324)  
 24 NELLIS AFB NORTH (4104)  
 24A NELLIS AFB SOUTH (4109)  
 25 BLUE DIAMOND RIDGE SOUTH (4304)  
 26 UPPER FLAMINGO WASH (4334)  
 27 LAS VEGAS WASH SAHARA AVE. (4084)  
 28 NORTH LAS VEGAS FIRE DEPT.  
 29 LAS VEGAS WASH 3-KIDS WASH (4094)  
 30 SPRING VALLEY JAMES  
 31 C-1 CHANNEL WARM SPRINGS ROAD (4784)  
 32 MCCARRAN INT'L AIRPORT  
 33 FLAMINGO WASH TORREY PINES (4364)  
 34 WARM SPRINGS JONES (4454)  
 35 DUCK CREEK EASTERN AVE. (4634)  
 36 PITTMAN WASH WIGWAM AVE. (4734)  
 37 ARDEN (4614)  
 38 SLOAN AT I-15 (4704)  
 39 GOODSPRINGS 2 (4934)  
 40 GOODSPRINGS 1 (4924)  
 41 JEAN (4954)  
 42 BOULDER CITY (4854)  
 43 BOULDER CITY (USBR)  
 44 SPRING MOUNTAIN STATE PARK  
 45 MOUNTAIN SPRINGS SUMMIT  
 46 SUMMERLIN WEST (4204)  
 47 SUMMERLIN NORTHWEST (4209)  
 48 SUMMERLIN PARKWAY (4214)  
 49 ANGEL PARK DETENTION BASIN (4219)  
 50 CAREY LAKE MEAD DETENTION BASIN (4219)  
 51 RAINBOW AND OAKLEY (4244)  
 52 GOWAN DETENTION BASIN (4254)  
 53 FLOOD CONTROL DISTRICT OFFICE (4274)  
 54 UPPER FLAMINGO DETENTION BASIN (4319)  
 55 SUMMERLIN SW (4354)  
 56 FLAMINGO WASH AT DECATUR (4369)  
 57 DESERT TORTISE CENTER (4604)  
 58 DUCK CREEK AT PARADISE (4624)  
 59 TIMET HENDERSON (4774)  
 60 SOUTH HENDERSON (4744)  
 61 EAST HENDERSON 1 (4784)  
 62 EAST HENDERSON 2 (4789)  
 63 JEAN ST (4064)

## NEVADA

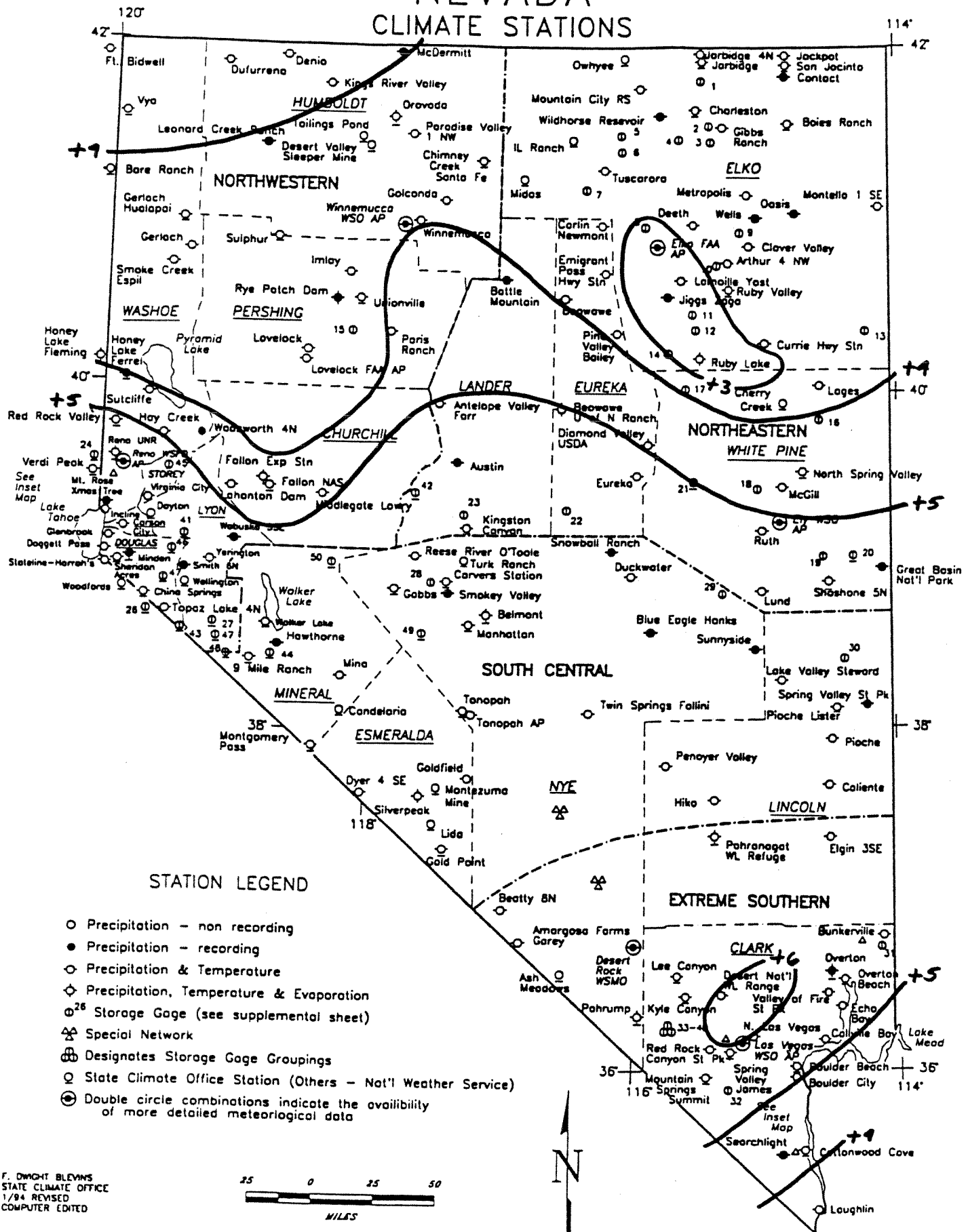
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F. DWIGHT BLEVINS  
STATE CLIMATE OFFICE  
1/84 REVISED  
COMPUTER EDITED



DEPARTURE OF MEAN  
TEMPERATURE FROM NORMAL (F°)  
MARCH 1994

# NEVADA CLIMATE STATIONS



# NEVADA

## CLIMATE STATIONS

